

CLAIMS

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1. A navigation system for a motor vehicle containing a central processor connected to an input unit and to an output unit, to position determination means and to a storage element for map data, and means for associating an ascertained vehicle position with a data record, stored in the storage element, of the map data, wherein the storage element (5) stores information about traffic restrictions which is part of a data record of the map data, and traffic restrictions relevant to the ascertained vehicle position can be displayed on the display unit (3; 19).

2. The navigation system as claimed in claim 1, wherein the traffic restrictions are speed restrictions.

3. The navigation system as claimed in claim 1, wherein the traffic restrictions are length, width, height or weight restrictions.

4. The navigation system as claimed in one of the preceding claims, wherein the traffic restrictions are for particular types of vehicle.

5. The navigation system as claimed in claim 1, 2 or 3, wherein the type of vehicle can be selected in the navigation system and only the traffic restrictions relevant to the selected type of vehicle are displayed.

6. The navigation system as claimed in claim 5, wherein the traffic restrictions are time dependent and the information about the duration of time for which the traffic restrictions are applicable is stored in the storage element (5).

7. The navigation system as claimed in claim 6, wherein the navigation system contains time measurement means and only the traffic restrictions which are applicable at the present time are displayed.

8. The navigation system as claimed in claim 4, wherein the navigation system can be connected to a mobile telephone (22).

9. The navigation system as claimed in claim 8, wherein the connection between the navigation system and the mobile telephone (22) is wireless.

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A2/ 10. The navigation system as claimed in one of claims 8 or 9, wherein the information about traffic restrictions can be retrieved via the mobile telephone (22) from a stationary transmission station in a mobile radio network and can be updated.

11. The navigation system as claimed in one of claims 8 to 10, wherein the map data and the information regarding traffic restrictions can be retrieved via the mobile telephone (22) from a stationary transmission station in a mobile radio network and can be transmitted to the storage element.

12. The navigation system as claimed in one of the preceding claims, wherein the information regarding traffic restrictions is taken into account when calculating a route.

13. The navigation system as claimed in one of the preceding claims, wherein the position determination means contain a receiver for satellite data (6).

14. The navigation system as claimed in one of the preceding claims, wherein position determination is carried out by means of integrated navigation.

15. The navigation system as claimed in one of the preceding claims, wherein the navigation system contains an audio output unit (4) and the traffic restrictions are output audibly.

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